

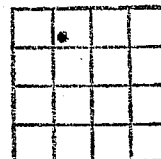
WELL LOG BUREAU--KANSAS GEOLOGICAL SOCIETY
508 East Murdock, Wichita, Kansas

Company- NATIONAL COOPERATIVE REFINERY ASSOC.
Farm- Hagerman No. 10

SEC. 10 T. 20 R. 19W
SW NE NW

Total Depth. 4550'
Comm. 6-4-57 Comp. 6-18-57
Shot or Treated.
Contractor. K & E Drlg.
Issued. 9-7-57

County Pawnee
KANSAS



CASING:
8 5/8" 503' cem w/275 sx.
5 1/2" 4550' cem w/250 sx.

Elevation. 1920' KB

Production. 101 BOPD

Figures indicate Bottom of Formations.

shale & shells	320
sand	325
shale & shells	335
sand	370
shale	415
sand	440
shale	820
sand	985
shale & shells	1235
red bed & shale	1370
anhydrite	1400
shale & shells	1700
shale & lime	2050
lime	2250
lime & shale	3380
lime	3575
lime & shale	3685
shale & lime	3705
lime	4080
lime & shale	4145
lime	4181
sand	4218
cherty lime	4287
chert & lime	4500
lime & chert	4550 RTD
Total Depth	

TOPS: SCOUT	
Anhydrite	1370
Heebner	3673
Toronto	3688
Brown Lime	3702
Lansing	3718
Base Kansas City	4031
Conglomerate	4181
Mississippi	4303
CIO	4410
Simpson	4445
Arbuckle	4469